13. A system as in claim **9**, wherein the emissive species is configured to produce a detectable steady-state emission.

14. A system as in claim **9**, further comprising a second emissive species, wherein the second emissive species is configured to produce a steady-state emission.

15. A system as in claim **9**, wherein at least one emission is selected from the group consisting of subtractive color, reflected/scattered color, chemiluminescence, prompt-fluorescence, delayed-fluorescence, prompt-phosphorescence, or delayed-phosphorescence.

16. A system as in claim **9**, wherein the source of electromagnetic radiation comprises an LED component.

17. A system as in claim **9**, further comprising a rolling shutter mechanism associated with the system.

18. A system as in claim **9**, wherein luminescent materials are excited and a smartphone detects a steady-state photon emission event and a non-steady-state emission event or optionally a non-steady-state photon emission event.

19. A system as in claim **9**, wherein the emissive material absorbs light emitted from a smartphone.

20. A system as in claim **9**, wherein the emissive material absorbs light at a wavelength of 440 nm or higher.

21. A system as in claim **9**, wherein the detectable signal comprises subtractive color, reflected/scattered color, chemiluminescence, prompt-fluorescence, delayed-fluorescence, prompt-phosphorescence, or delayed-phosphorescence emission.

22. A system as in claim **9**, wherein the emissive material comprises a TADF emission.

23. A system as in claim **9**, wherein the emissive material comprises an organometallic compound.

24-40. (canceled)

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